



2661  
04-5-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

MEHMET YAVUZ, ET AL.

Serial No. 10/034,086

Filed: 12 DECEMBER 2001

For: ADAPTIVE DATA RATE  
CONTROL FOR MOBILE  
DATA TRANSFER

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Docket No. 13667RRUS01U

Examiner: UNKNOWN

Art Unit: 2661

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Technology Center 2600

LETTER TO THE OFFICIAL DRAFTSMAN

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Submitted herewith are five (5) sheets of formal drawings for the above-identified application.

CERTIFICATE OF MAILING 37 CFR 1.8(A)	
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D. C. 20231.	
<u>3/21/02</u> Date	<u>[Signature]</u> Signature <u>KIM DE LEO</u>

Respectfully submitted,

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FIG. 1

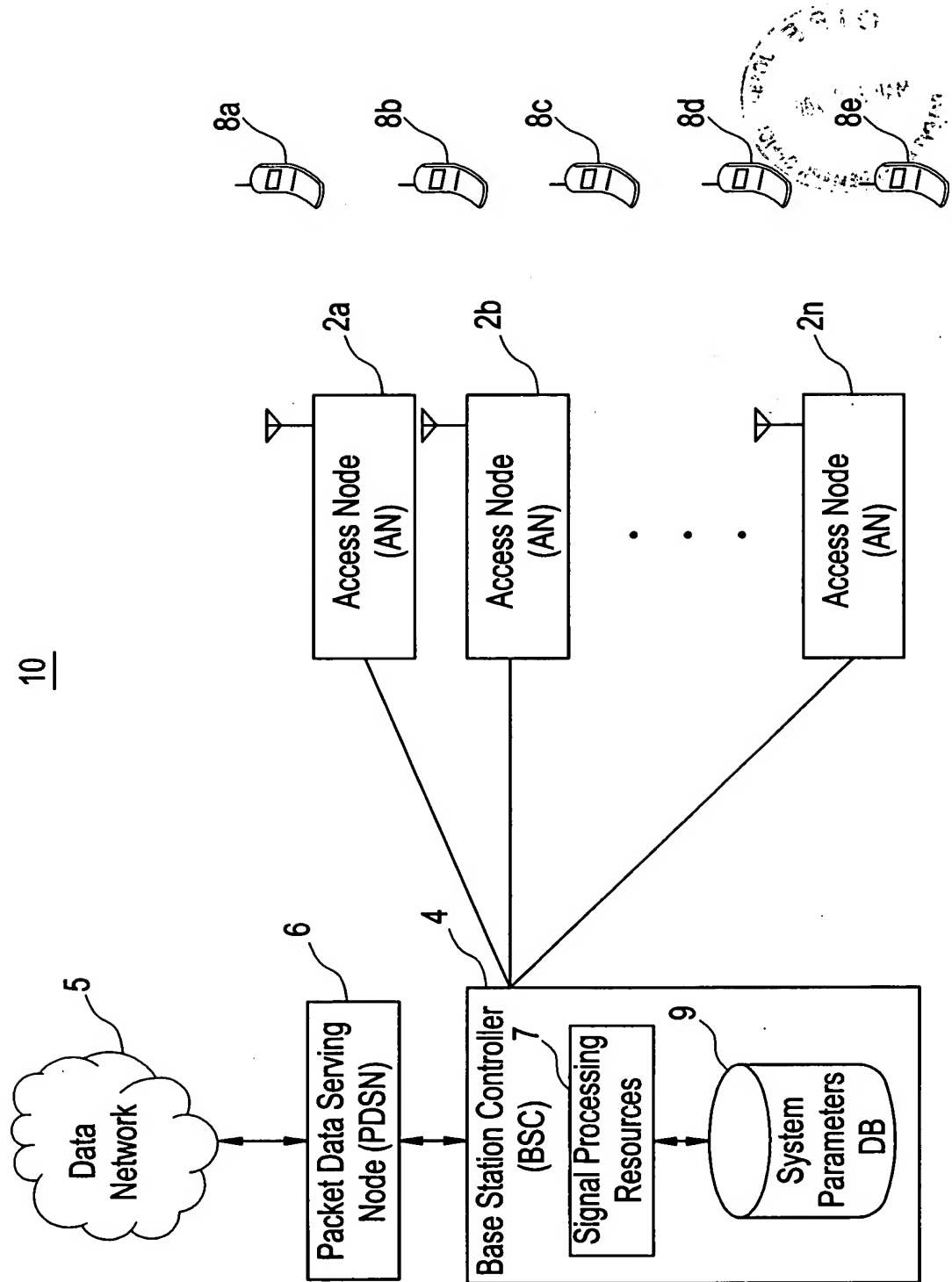
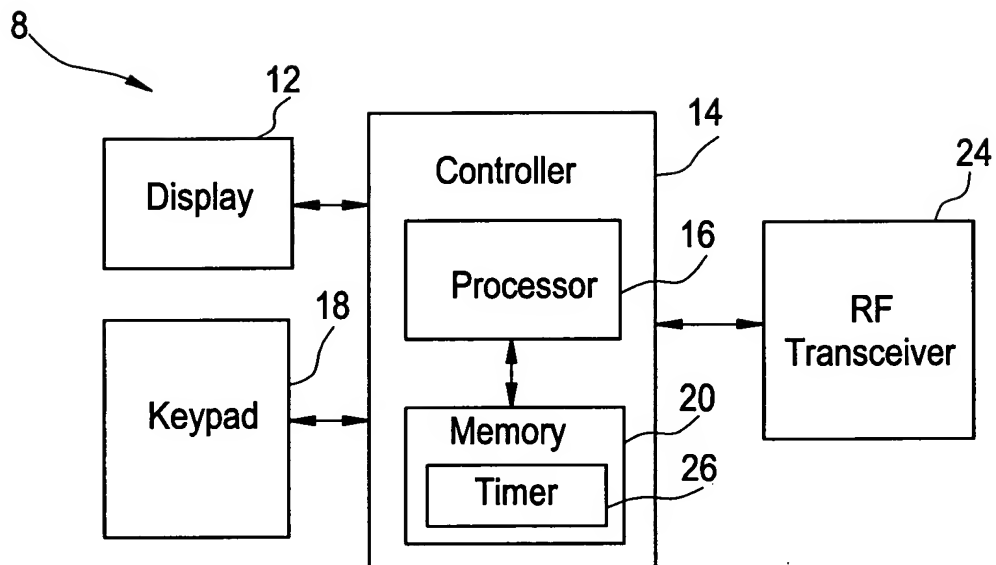




FIG. 2



# FIG. 3

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Data Rate [kbps]	Number of Slots [1 slot = 1.67ms]	Modulation Scheme	$E_c/I_0$ For 1% PER (dB)
38.4	16	QPSK	-13.5
76.8	8	QPSK	-10.5
153.6	4	QPSK	-7.4
307.2	2	QPSK	-4.3
614.4	1	QPSK	-1.0
307.2	4	QPSK	-4.2
614.4	2	QPSK	-1.2
1228.8	1	QPSK	3.7
921.6	2	8-PSK	1.5
1843.2	1	8-PSK	7.1
1228.8	2	16-QAM	3.4
2457.6	1	16-QAM	9.2

FIG. 4

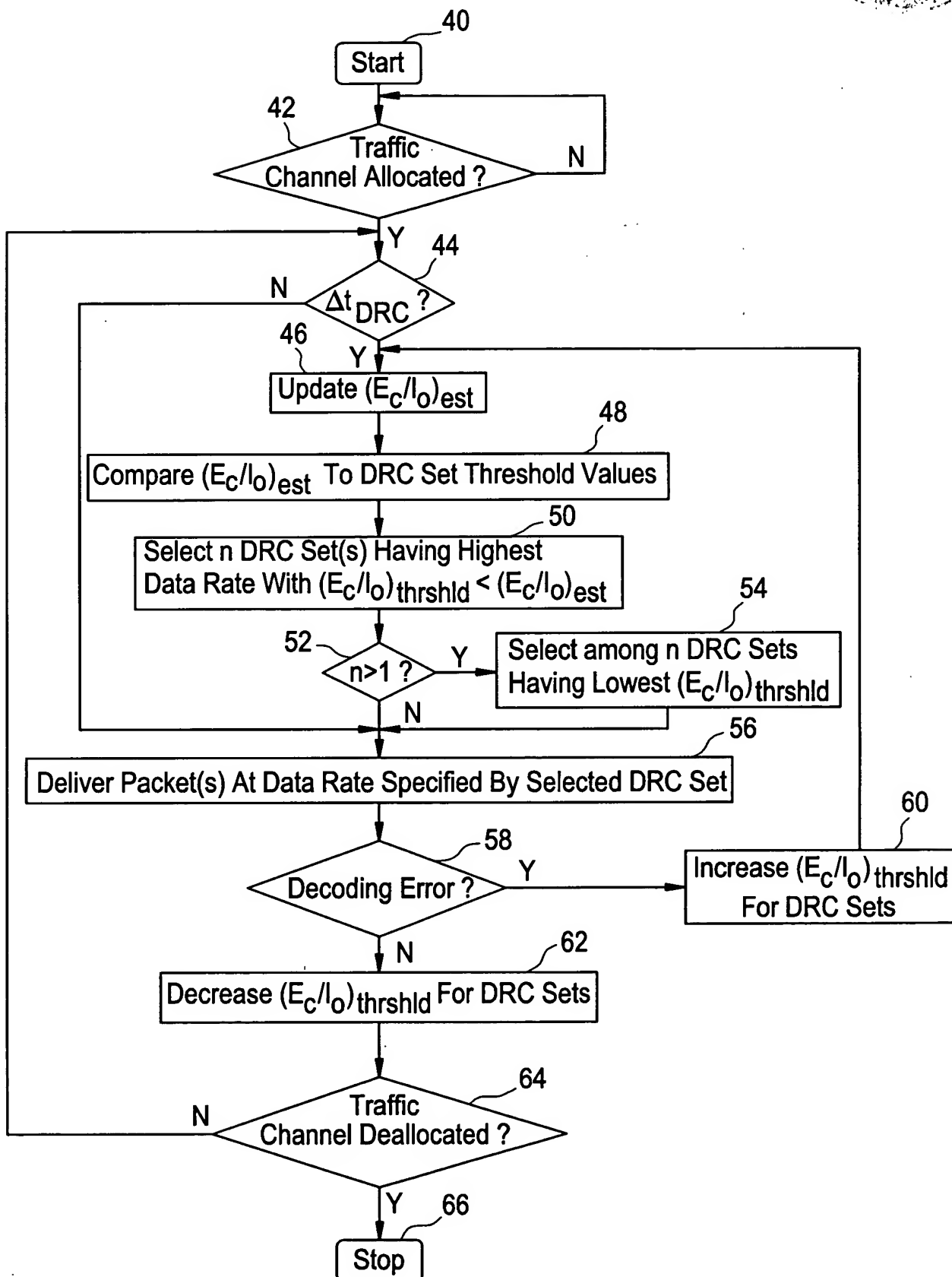


FIG. 5

